

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2005/050275

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D405/12 C07D409/12 C07D311/58 A61K31/352

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 480 257 A (SQUIBB & SONS INC) 15 April 1992 (1992-04-15) page 2, lines 1-31 page 16, line 12 - page 17, line 3; claim 10 -----	1-16
X	EP 0 489 404 A (SQUIBB & SONS INC) 10 June 1992 (1992-06-10) page 2, lines 1-44 page 16, line 20 - page 17, line 7; claim 3 -----	1-16
Y	ATWAL, KARNAIL S. ET AL: "Cardioselective anti-ischemic ATP-sensitive potassium channel openers" JOURNAL OF MEDICINAL CHEMISTRY ( 1993 ), 36(24), 3971-4, 1993, XP001180874 page 3972; table I ----- -/--	1-16



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

31 March 2005

Date of mailing of the international search report

11/04/2005

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INTERNATIONAL SEARCH REPORT

Inte — 1st Application No  
PCT/EP2005/050275

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>ATWAL, KARNAIL S. ET AL: "Cardioselective Antiischemic ATP-Sensitive Potassium Channel Openers. 2. Structure-Activity Studies on Benzopyranylcyanoguanidines;Modification of the Benzopyran Ring" JOURNAL OF MEDICINAL CHEMISTRY ( 1995 ), 38(11), 1966-73, 1995, XP002278353 abstract page 1967; table 1</p>	1-16
A	<p>BURRELL, GORDON ET AL: "Benzopyran potassium channel activators related to cromakalim - amide replacements at position 4" BIOORGANIC &amp; MEDICINAL CHEMISTRY LETTERS ( 1993 ), 3(6), 999-1002, 1993, XP001180869 abstract page 1000 compound 15</p>	1-16
A	<p>ASHWOOD, VALERIE A. ET AL: "Synthesis and antihypertensive activity of pyran oxygen and amide nitroge replacement analogs of the potassium channel activato cromakalim" JOURNAL OF MEDICINAL CHEMISTRY ( 1991 ), 34(11), 3261-7, 1991, XP002034759 abstract page 3263; table I</p>	1-16
A	<p>ATWAL, KARNAIL S. ET AL: "Cardioselective Anti-Ischemic ATP-Sensitive Potassium Channel Openers. 3. Structure-Activity Studies on Benzopyranyl Cyanoguanidines;Modification of the Cyanoguanidine Portion" JOURNAL OF MEDICINAL CHEMISTRY ( 1995 ), 38(17), 3236-45, 1995, XP009030005 abstract page 3239; table 1</p>	1-16

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/EP2005/050275

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			JP	5070347 A	23-03-1993
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